



PTO/SB/21 (02-04)

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**TRANSMITTAL  
FORM**

(to be used for all correspondence after initial filing)

<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	10/783,772
	Filing Date	2/20/2004
	First Named Inventor	CHOU
	Art Unit	
	Examiner Name	
Total Number of Pages in This Submission	Attorney Docket Number	WMI002

**ENCLOSURES (Check all that apply)**

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance communication to Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please Identify below): Prior Art Documents
<b>Remarks</b>  		

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm or Individual name	CARY TOPE-MCKAY
Signature	
Date	02/24/2005

**CERTIFICATE OF TRANSMISSION/MAILING**

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.			
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PTO/SB/08A (08-03)

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Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

**Complete if Known**

Application Number	10/783,772
Filing Date	2/20/2004
First Named Inventor	CHOU
Art Unit	
Examiner Name	
Attorney Docket Number	WMI002

Sheet 1 of 2

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	1	US- 6,046,659	04-04-2000	LOO, et al.	
	2	US- 6,331,257	12-18-2001	LOO, et al.	
	3	US- 6,842,097	01-11-2005	HSU, et al.	
	4	US- 6,803,559	10-12-2004	HSU, et al.	
	5	US- 6,667,245	12-23-2003	CHOW, et al.	
	6	US- 5,121,089	06-09-1992	LARSON	
	7	US- 5,578,976	11-26-1996	YAO	
	8	US- 5,258,591	11-02-1993	BUCK	
	9	US- 5,638,946	06-17-1997	ZAVRACKY	
	10	US- 5,629,565	05-13-1997	SCHLAAK, et al.	
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**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				

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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Filing Date 2/20/2004

First Named Inventor CHOU

Art Unit

Examiner Name

Sheet 2 of 2

Attorney Docket Number WMI002

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	1	Petersen, K.E. 1978, "Dynamic micromechanics on silicon: techniques and devices."	
	2	Petersen, K.E, "Forming the Contact Surface of Micromechanical Switches", IBM J. Res. Develop., vol.23, No.4, Jul. 1979, pp.376-385	
	3	Daniel Hyman, Juan Lam, Brett Warneke, Adele Schmitz, T. Y. Hsu, Julia Brown, James Schaffner, Andy Walston, Robert Y. Loo, Mehran Mehregany, and Jae Lee, "Surface-micromachined RF MEMS switches on GaAs substrates," International Journal of RF and Microwave CAE, Vol. 9, No. 4, July 1999, pp. 348-361.	
	4	Y. Wang, Z. Li, D. T. McCormick, and N. C. Tien, "A Low-voltage Lateral MEMS Switch with High RF Performance," Journal of MicroElectroMechanical Systems (JMEMS), Vol. 13, No. 6, December 2004, pp. 902-911.	
	5	Yao, J.J., "RF MEMS from a device perspective", Journal Micromechanics and Microengineering 10: R9-R38, 2000	
	6	Zavracky, P.M., Majumdar, S., McGruer, N, 1997, " Micromechanical switches fabricated using nickel surface micromachining", Journal of Microelectromechanical Systems 6(1): 3-9	

Examiner Signature	Date Considered
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<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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